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Substitute for form 1449/PTO				Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/635862
(Use as many sheets as necessary)				Filing Date	2003-08-05
				First Named Inventor	DELUCA, Michael J. et al.
				Art Unit	2622
				Examiner Name	Nicholas G. Giles
Sheet	1	of	11	Attorney Docket No: FN-101-CIP-US	

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2(if known)}			
001	US-4577219		03-18-1986	KLIE; Jurgen et al.	
002	US-4646134		02-24-1987	KOMATSU; Kousuke et al.	
003	US-4777620		10-11-1988	SHIMONI; Yair et al.	
004	US-4881067		11-14-1989	WATANABE; Osamu et al.	
005	US-4978989		12-18-1990	NAKANO; Toshifumi et al.	
006	US-5164831		11-17-1992	KUCHTA; Daniel W. et al.	
007	US-5164833		11-17-1992	AOKI; Tetsushi	
008	US-5249053		09-28-1993	JAIN; Jaswant R.	
009	US-5274457		12-28-1993	KOBAYASHI; Toshiharu et al.	
010	US-5301026		04-05-1994	LEE; Young-man	
011	US-5303049		04-12-1994	EJIMA; Satoshi et al.	
012	US-5335072		08-02-1994	TANAKA; Yoshito et al.	
013	US-5384601		01-24-1995	YAMASHITA; Haruo et al.	
014	US-5400113		03-21-1995	SOSA; Toshio et al.	
015	US-5432866		07-11-1995	SAKAMOTO; Shizuo	
016	US-5455606		10-03-1995	KEELING; Michael R. et al.	
017	US-5568187		10-22-1996	OKINO; Tadashi	
018	US-5671013		09-23-1997	NAKAO; Toshio	
019	US-5694926		12-09-1997	DEVRIES; Douglas F. et al.	
020	US-5719639		02-17-1998	IMAMURA; Atsushi	
021	US-5719951		02-17-1998	SHACKLETON; Mark et al.	

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022	US-5724456		03-03-1998	BOYACK; James R. et al.	
023	US-5734425		03-31-1998	TAKIZAWA; Yoshinori et al.	
024	US-5748784		05-05-1998	SUGIYAMA; Kenji	
025	US-5805720		09-08-1998	SUENAGA; Nobumasa et al.	
026	US-5805727		09-08-1998	NAKANO; Hiroki	
027	US-5815749		09-29-1998	TSUKAHARA; Daiki et al.	
028	US-5818975		10-06-1998	GOODWIN; Robert M. et al.	
029	US-5850470		12-15-1998	KUNG; Sun-yuan et al.	
030	US-5892837		04-06-1999	LUO; Jiebo et al.	
031	US-5949904		09-07-1999	DELPH; Helen Roxlo	
032	US-5991456		11-23-1999	RAHMAN; Zia-ur et al.	
033	US-5999160		12-07-1999	KITAMURA; Tetsuya et al.	
034	US-6011547		01-04-2000	SHIOTA; Kazuo et al.	
035	US-6028611		02-22-2000	ANDERSON; Eric C. et al.	
036	US-6035074		03-07-2000	FUJIMOTO; Hiroyuki et al.	
037	US-6036072		03-14-2000	LEE; Yun-chung	
038	US-6101271		08-08-2000	YAMASHITA; Haruo et al.	
039	US-6104839		08-15-2000	COK; David Roy et al.	
040	US-6118485		09-12-2000	HINOUE; Sadahiko et al.	
041	US-6192149		02-20-2001	ESCHBACH; Reiner et al.	
042	US-6195127		02-27-2001	SUGIMOTO; Kazuhiko	

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		Number-Kind Code ^{2(if known)}			
	043	US-6201571	03-13-2001	OTA; Takayuki	
	044	US-6233364	05-15-2001	KRAINIOUK; Alexei et al.	
	045	US-6249315	06-19-2001	HOLM; Jack M.	
	046	US-6266054	07-24-2001	LAWTON; Daryl T. et al.	
	047	US-6268939	07-31-2001	KLASSEN; R. Victor et al.	
	048	US-6285410	09-04-2001	MARNI; Sandrine	
	049	US-6295378	09-25-2001	KITAKADO; Jun et al.	
	050	US-6298166	10-02-2001	RATNAKAR; Viresh et al.	
	051	US-6381345	04-30-2002	SWAIN; Cassandra Turner	
	052	US-6393148	05-21-2002	BHASKAR; Ranjit	
	053	US-6421468	07-16-2002	RATNAKAR; Viresh et al.	
	054	US-6426775	07-30-2002	KUROKAWA; Shinji	
	055	US-6438264	08-20-2002	GALLAGHER; Andrew et al.	
	056	US-6459436	10-01-2002	KUMADA; Shuichi et al.	
	057	US-6473199	10-29-2002	GILMAN; Paul B. et al.	
	058	US-6614471	09-02-2003	OTT; Cynthia D.	
	059	US-6621867	09-16-2003	SAZZAD; Sharif et al.	
	060	US-6628833	09-30-2003	HORIE; Daisaku	
	061	US-6714665	03-30-2004	HANNA; Keith James et al.	
	062	US-6786655	09-07-2004	COOK; Stacy S. et al.	
	063	US-6798913	09-28-2004	TORIYAMA; Hideyuki	

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		Number-Kind Code ^{2(if known)}			
064	US-6859565		02-22-2005	BARON; John M.	
085	US-7024051		04-04-2006	MILLER; Michael E. et al.	
086	US-7027662		04-11-2006	BARON; John M.	
087	US-7035462		04-25-2006	WHITE; Timothy J. et al.	
088	US-7133070		11-07-2006	WHEELER; Richard B. et al.	
089	US-7155058		12-26-2006	GAUBATZ; Matthew D. et al.	
070	US-7224850		05-29-2007	ZHANG; Lei et al.	
071	US-7269292		09-11-2007	STEINBERG; Eran	
072	US-7295233		11-13-2007	STEINBERG; Eran et al.	
073	US-7310443		12-18-2007	KRIS; Mark et al.	
074	US-7315631		01-01-2008	CORCORAN; Peter et al.	
075	US-7336821		02-26-2008	CIUC; Mihai et al.	
076	US-7362368		04-22-2008	STEINBERG; Eran et al.	
077	US-7369712		05-06-2008	STEINBERG; Eran et al.	
078	US-7403643		07-22-2008	IANCULESCU; Mihai et al.	
079	US-7436998		10-14-2008	STEINBERG; Eran et al.	
080	US-7454040		11-18-2008	LUO; Huitao et al.	
081	US-7515740		04-07-2009	CORCORAN; Peter et al.	
082	US-2001031142A1		10-18-2001	WHITESIDE, George D.	
083	US-2001052937A1		12-20-2001	SUZUKI, Toshihiko	
084	US-2002019859A1		02-14-2002	WATANABE, Kouji	

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086	US-2002090133A1	07-11-2002	KIM, Sang-kyun et al.		
087	US-2002105662A1	08-08-2002	PATTON, David L. et al.		
088	US-2002114513A1	08-22-2002	HIRAO, Koichiro		
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091	US-2003044176A1	03-06-2003	SAITO, Noboru		
092	US-2003052991A1	03-20-2003	STAVELY, Donald J. et al.		
093	US-2003058343A1	03-27-2003	KATAYAMA, Takeshi		
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095	US-2003194143A1	10-16-2003	IIDA, Seiji		
096	US-2004047491A1	03-11-2004	RYDBECK, Bo		
097	US-2004057623A1	03-25-2004	SCHUHRKE, Thomas et al.		
098	US-2004120598A1	06-24-2004	FENG, Xiao-fan		
099	US-2004239779A1	12-02-2004	WASHISU, Koichi		
100	US-2005068452A1	03-31-2005	STEINBERG; Eran et al.		
101	US-2005074179A1	04-07-2005	WILENSKY; Gregg D.		
102	US-2005147278A1	07-07-2005	RUI; Yong et al.		
103	US-2005207649A1	09-22-2005	ENOMOTO; Jun et al.		
104	US-2005238230A1	10-27-2005	YOSHIDA; Ikuko		
105	US-2005276481A1	12-15-2005	ENOMOTO; Jun		

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107	US-2006038916A1	02-23-2006	KNOEDGEN; Horst et al.		
108	US-2006140455A1	06-29-2006	COSTACHE; Gabriel et al.		
109	US-2006203108A1	09-14-2006	STEINBERG; Eran et al.		
110	US-2006204052A1	09-14-2006	YOKOUCHI; Kouji		
111	US-2007110305A1	05-17-2007	CORCORAN; Peter et al.		
112	US-2007116380A1	05-24-2007	CIUC; Mihai et al.		
113	US-2007201724A1	08-30-2007	STEINBERG; Eran et al.		
114	US-2008013798A1	01-17-2008	IONITA; Mircea et al.		
115	US-2008112599A1	05-15-2008	NANU; Florin et al.		
116	US-2008144965A1	06-19-2008	STEINBERG; Eran et al.		
117	US-2008186389A1	08-07-2008	DELUCA; Michael J. et al.		
118	US-2008211937A1	09-04-2008	STEINBERG; Eran et al.		
119	US-2008232711A1	09-25-2008	PRILUTSKY; Yury et al.		
120	US-2008240555A1	10-02-2008	NANU; Florin et al.		

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121	EP-1229486A1	08-07-2002	GRETAG IMAGING TRADING AG		<input type="checkbox"/>
122	EP-1429290A2	06-16-2004	FUJI PHOTO FILM CO. LTD.		<input type="checkbox"/>
123	EP-1528509A2	05-04-2005	NORITSU KOKI CO., LTD.		<input type="checkbox"/>
124	EP-911759A3	06-14-2000	HEWLETT-PACKARD COMPANY		<input type="checkbox"/>
125	EP-979487B1	03-15-2006	SARNOFF CORPORATION		<input type="checkbox"/>
126	GB-841609A	07-20-1960	RALPH AUSTIN RUSCA		<input type="checkbox"/>
127	JP-2002-247596A2	08-30-2002	MINOLTA CO LTD		<input type="checkbox"/>
128	JP-9214839A2	08-15-1997	FUJITSU LTD		<input type="checkbox"/>
129	WO-0192614A1	12-06-2001	COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION		<input type="checkbox"/>
130	WO-04034696A1	04-22-2004	WALLACE, DIANE		<input type="checkbox"/>
131	WO-05087994A1	09-22-2005	MASCHINENFABRIK RIETER AG		<input type="checkbox"/>
132	WO-06011635A1	02-02-2006	CANON KABUSHIKI KAISHA		<input type="checkbox"/>
133	WO-2007057063A1	05-24-2007	FOTONATION VISION LTD		<input type="checkbox"/>
134	WO-2007057064A1	05-24-2007	FOTONATION VISION LTD		<input type="checkbox"/>
135	WO-2007093199A2	08-23-2007	FOTONATION VISION LTD		<input type="checkbox"/>
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137	WO-2007095553A2	08-23-2007	FOTONATION VISION LTD		<input type="checkbox"/>

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application Number	10/635862
(Use as many sheets as necessary)				Filing Date	2003-08-05
				First Named Inventor	DELUCA, Michael J. et al.
				Art Unit	2622
				Examiner Name	Nicholas G. Giles
Sheet	8	of	11	Attorney Docket No: FN-101-CIP-US	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₆
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
138	WO-2007095553A3		08-23-2007	FOTONATION VISION LTD		<input type="checkbox"/>
139	WO-2007142621A1		12-13-2007	FOTONATION VISION LTD		<input type="checkbox"/>
140	WO-2008023280A2		02-28-2008	FOTONATION VISION LTD		<input type="checkbox"/>
141	WO-2008109644A2		09-12-2008	FOTONATION VISION LTD		<input type="checkbox"/>
142	WO-2008109644A3		09-12-2008	FOTONATION VISION LTD		<input type="checkbox"/>
143	WO-9802844A1		01-22-1998	SARNOFF CORPORATION		<input type="checkbox"/>
144	WO-9933684A2		07-08-1999	GENTEX CORPORATION		<input type="checkbox"/>

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	145	COMBIER, Nathalie et al., "Removal of Defects on Flash Radiographic Images by Fuzzy Combination, Conference: Machine Vision Applications in Industrial Inspection III, http://rlinks2.dialog.com/NASApp/ChannelWEB/DialogProServlet?ChName=engineering ", Proceedings of SPIE - The International Society for Optical Engineering, Society of Photo-Optical Instrumentation, 1995, pp. 301-312.				
	146	CORCORAN, P. et al., "Automated In-Camera Detection of Flash-Eye Defects", IEEE Transactions on Consumer Electronics, 2005, pp. 11-17, Vol. 51 - Issue 1.				
	147	CUCCHIARA, R. et al., "Detection of Luminosity Profiles of Elongated Shapes", International Conference on Image Processing, 1996, pp. 635-638, Vol. 3.				
	148	EPO Communication pursuant to Article 94(3) EPC, for European Patent Application No. 05 792 584.4, paper dated May 13, 2008, 8 pages.				
	149	HAN, T. et al., "Detection and Correction of abnormal Pixels In Hyperion Images", IEEE Int'l Symposium on Geoscience and Remote Sensing, 2002, pp. 1327-1330, Vol. 3.				
	150	IIVARINEN, J. et al., "Content-Based Retrieval of Defect Images,				

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				Art Unit	2622
				Examiner Name	Nicholas G. Giles
Sheet	9	of	11	Attorney Docket No: FN-101-CIP-US	

NON PATENT LITERATURE DOCUMENTS

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		http://www.cs.tut.fi/~about.avisa/digger/Publications/acvis02.pdf", Proceedings of Advanced Concepts for Intelligent Vision, Laboratory of Computer Info. Science, 2002.	
	151	ITO, M., "An Automated System for LSI Fine Pattern Inspection Based on Comparison of Sem Images and Cad Data", IEEE International Conference on Robotics and Automation, 1995, pp. 544-549, Vol. 1.	
	152	JIN, B. et al., "Modeling and Analysis of Soft-Test/Repair for CCD-Based Digital X-Ray Systems", Instrumentation and Measurement, IEEE Transactions, 2003, pp 1713-1721, Vol. 52 - Issu 6.	
	153	PCT International Preliminary Report on Patentability (IPRP) for PCT Application PCT/EP2005/011010, dated Jan. 23, 2007, 18 pages cited by other.	
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	155	PCT International Preliminary Report on Patentability for PCT Application PCT/EP2004/008706, dated February 6, 2006, 7 pages.	
	156	PCT Notification Concerning Transmittal of Copy of International Preliminary Report on Patentability, for PCT Application No PCT/US2007/062090, dated August 28, 2008, 6 pages.	
	157	PCT Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration (PCT/EP2006/008342), dated December 28, 2006.	
	158	PCT Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration for PCT Application No. PCT/US07/62090 issued March 10, 2008, 10 pages	
	159	PCT Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration for PCT/EP/2005/05907, dated August 1, 2005, 12 pages.	
	160	PCT Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration", for PCT Application No. PCT/EP2006/008358, December 5, 2006, 14 pages	
	161	PCT Notification of Transmittal of the International Search Report and the Written Opinion of the International Searching Authority, or the Declaration, for PCT Application No. PCT/US2008/055964, paper dated July 30, 2008, 8 Pages.	

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	162	PCT Notification of Transmittal of the International Search Report and Written Opinion of the International Searching Authority for PCT Application Number PCT/EP2005/001171, (11 pages).	
	163	PLOTNIKOV, Yuri et al., "Advanced Image Processing for Defect Visualization in Infrared Thermography, http://citeseer.ist.psu.edu/plotnikov98advanced.html ", NASA Langley Research Center, M.S. Posted: ACM Portal, 1998.	
	164	PLOTNIKOV, Yuri et al., Winfree, "Visualization of Subsurface Defects in Composites Using a Focal Plane Array Infrared Camera , http://citeseer.ist.psu.edu/357066.html ", NASA Langley Research Center, 1999.	
	165	SMOLKA, B. et al., "Towards Automatic Redeye Effect Removal, XP004416063", Pattern Recognition Letters, 2003, pp. 1767-1785, Vol. 24 - Issue 11, North-Holland Publ.	
	166	SORIANO, M. et al., "Making Saturated Facial Images Useful Again, XP002325961, ISSN: 0277-786X", Proceedings of The Spie, 1999, pp. 113-121, Vol. 3826.	
	167	TAN, Yap-peng et al., "Robust Sequential Approach for the Detection of Defective Pixels in an Image Sensor, <a &="" ,="" 1999,="" 2239-2242,="" 4.<="" a="" acoustics,="" conf="" href="http://ieeexplore.ieee.org/search/freesrchabstract.jsp?arnumber=758382&andisnumber=16342&andpnumber=6110andk2dockeyey=758382@ieecnfsandquery=%28%28%28%28images+and+defects+and+correction%29%29%29%29%3Cin%3E" ieee="" intl="" on="" pp.="" proc,="" signal="" speech,="" vol.="">	
	168	TOET, A., "Multiscale Color Image Enhancement, Posted online: 200208-06 18:09:24.0 <a ,="" -="" 1992,="" 583="" 585.<="" a="" and="" applications,="" conference="" href="http://ieeexplore.ieee.org/search/freesrchabstract.jsp?arnumber=146865andisnumber=3917andpnumber=1197andk2dockeyey=146865@ieecnfsandquery=%28%28%28%28images+and+defects+and+luminance%29%29%3Cin%3E+metadataandpos=1" image="" international="" its="" on="" pp.="" processing="">	
	169	United Kingdom Search Report dated May 22, 2007, issued in Application No.GB 0701957.3.	
	170	WILLAMOWSKI, J. et al., "Probabilistic Automatic Red Eye Detection and Correction", The 18th International Conference on Pattern Recognition (ICPR'06), 2006, pp. 762-765, Vol. 3, IEEE Computer Society.	

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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11

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11

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Application Number	10/635862
Filing Date	2003-08-05
First Named Inventor	DELUCA, Michael J. et al.
Art Unit	2622
Examiner Name	Nicholas G. Giles

Attorney Docket No: FN-101-CIP-US

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

- That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

- That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

- See attached certification statement.
- Fee set forth in 37 CFR 1.17 (p) has been submitted herewith.
- None

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Andrew V. Smith/	Date (YYYY-MM-DD)	2009-08-17
Name/Print	Andrew V. Smith	Registration Number	43132

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